

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for decreasing high frequency (HF) radiation emission ~~in~~ from a power line spanning a plurality of utility poles or towers, said method comprising the steps of:

transmitting a utility power signal over said power line;

transmitting a high frequency communication signal over said power line

so as to provide a combined utility and high frequency signal over said power line; and

providing a plurality of inductors disposed along a span of said power line, between each of said poles or towers, such that said high frequency radiation emission from said power line generated by said high frequency communication signal is reduced along said span of said power line where said inductors are maintained.

2. (original) The method in accordance with claim 1 further comprising the step of increasing a voltage level of said combined signal corresponding to an increased impedance in said power line as a result of said step of providing a plurality of inductors.

3. (original) The method in accordance with claim 2, wherein said step of providing a plurality of inductors further comprises the step of providing said

plurality of inductors at regular intervals.

4. (original) The method in accordance with claim 2, wherein said step of providing a plurality of inductors further comprises the step of providing said plurality of inductors at irregular intervals.

5. (original) The method in accordance with claim 2, wherein said step of providing a plurality of inductors further comprises the step of providing a plurality of clamped inductors.

6. (original) The method in accordance with claim 2, wherein said step of providing a plurality of inductors further comprises the step of providing a plurality of series inserted inductors.

7. (currently amended) A system for decreasing high frequency (HF) radiation emission in from a power power line spanning a plurality of utility poles or towers, comprising:

a first transmitter configured to transmit a utility power signal over said power line;

a second transmitter configured to transmit a high frequency communication signal over said power line so as to provide a combined utility and high frequency signal over said power line; and

a plurality of inductors disposed along said power line , between each of

said poles or towers, such that said high frequency radiation emission from said power line generated by said high frequency communication signal is reduced along said span of said power line where said inductors are maintained.

8. (original) The system in accordance with claim 7 further comprising means for increasing a voltage level of said combined signal corresponding to an increased impedance in said power line as a result of said plurality of inductors.

9. (original) The system in accordance with claim 7, wherein said plurality of inductors are located at regular intervals.

10. (original) The system in accordance with claim 7, said plurality of inductors are located at irregular intervals.

11. (original) The system in accordance with claim 7, wherein at least one of said inductors is a clamped inductor.

12. (original) The system in accordance with claim 7, wherein at least one of said plurality of inductors is a series inserted inductor.